

TCF™-2013

The College of New Jersey Hosts
The 38th Anniversary of
THE ORIGINAL PERSONAL COMPUTER SHOW

38th Annual

Trenton Computer Festival™

Admission: \$10.00

Free Parking

www.tcf-nj.org

@ The College of New Jersey, Ewing, NJ

Saturday, March 16, 2013

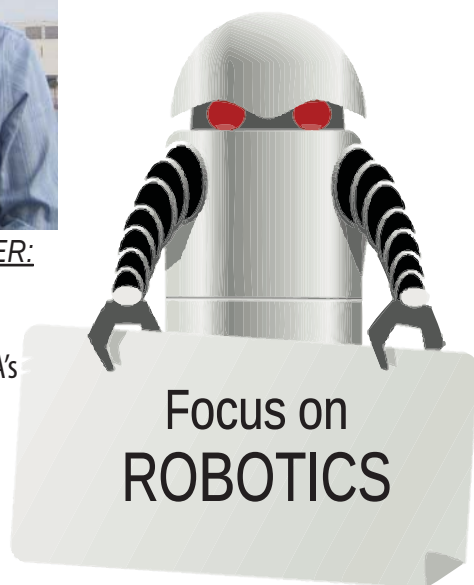
9:00 am — 5:00 pm

Registration/Flea Market open at 9 am, Talks start at 10:15 am.



KEYNOTE SPEAKER:

Frank O'Brien,
Solar System
Ambassador for NASA's
Jet Propulsion Lab
on
"Roving Robots
on Mars:
The Journey
of Curiosity"*



- Mac/OS X/iOS All Day, with Apple's Dave Marra.
- Windows 8/Office 2013 Talks by David Soll.
- Building Apps for the New Windows Store by Microsoft's David Isbitski.
- Building Apps for Android Phones & Tablets by Author Barry Burd.

INDOOR FLEA MARKET & VENDOR FAIR

**50+ Talks, Workshops, Tutorials,
Demos and Special Events!**

**Object-Oriented Programming University:
Introductory Short Course by Mike Redlich**

TALKS ON WINDOWS, MAC and LINUX

FIRST Mid-Atlantic Robotics District Competition

IEEE Micromouse Contest

**MULTIMEDIA, 3D PRINTERS/RepRap,
PHOTOGRAPHY, HOME CONTROL,
HISTORIC COMPUTERS, SECURITY and WIFI**

**Ham Cram Session & Exam:
Get an Amateur Radio License in one
day at TCF!**

**Arduino Developer/User Tutorial/
Workshop**

Special TCF hotel room rate info is available on the TCF website.

* Keynote co-sponsored by IEEE-PCJS Robotics and Automation Society.
** The IT Pro (Friday) and ISEC Conferences require separate registrations.

TCF IT PROFESSIONAL CONFERENCE

Friday March 15, 2013, 8:30 am — 5:00pm**

Continuing as part of TCF's Saturday Talks.

**For Conference Info and Fees See
<http://www.tcf-nj.org/pc>**

**For additional TCF'13 info,
directions and advance tickets:
www.tcf-nj.org**

**DOOR
PRIZES**

**HackTCNJ Hackathon - For Info: <http://hacktcnj.com>
Located in the Brower Student Center.**

Integrated STEM Education Conference (ISEC)**

Saturday, March 9 — 9:00 am — 5:00 pm
at Friend Center, Princeton University, NJ
Best practices in K-20 STEM education.
Info: <http://ewh.ieee.org/conf/stem/>

The 2013 Trenton Computer Festival™ is sponsored by The College of New Jersey and its School of Engineering.

TCF-2013 Saturday Talks & Forums — 16 March 2013, 9am—5pm, Indoor Flea Mkt opens 9am

AR = Armstrong Hall

SC = Science Complex Bldg.

PHY = Physics Area of SC Bldg.

Armstrong Hall & PHY

	AR-128	PHY-117	AR-144	AR-148	AR-102	AR-114	PHY-116	AR-124	AR-106	AR-156	PHY-128	Armstrong Hall & PHY
Saturday	Microsoft	IT-PC	Robotics	Apple	Technology & Games	Education & STEM	Hardware	Software/ Apps	Arduino Workshop	OOP University	Amateur Radio	Exhibits
10:15am to 11:10am	C# .NET Programming <i>D. Hsu</i>	Provisional Patents <i>H. Cheung</i>	Autonomous UAV <i>D. Bluman, K. Mittler, C. Kedmenec, & J. Thomas</i>	Discover iPad <i>D. Marra</i>	TCNJ Micromouse <i>J. Eger</i>	Getting Started: PCs/Pads, Internet & Digital Photography <i>H. Hinitz</i>	GPS Secrets 2013 <i>C. Lewart</i>	Developing Apps for Android Phones and Tablets <i>B. Burd</i>	Introduction to Arduino (Presentation)	Introduction to Java (Workshop) <i>M. Redlich</i>	Ham Cram 101 Ham Radio License Exam Preparation Cram Course	Special Exhibits and Demos
11:20am to 12:15pm	Microsoft Office 2013 <i>D. Soll</i>	Risk-based Security Management <i>S. Shah</i>	A Robot Conductor <i>T. Nakra</i>	OS X Mountain Lion <i>D. Marra</i>	TCNJ Solar Boat <i>T. Wardlow</i>	Updated Guide to Best Web Sites & Search Engines <i>E. Kaplan</i>	Homebrew Ham Radio Projects <i>G. Heron</i>		Hands-On with Arduino (Limited Space; Bring Your Laptop!)		Ham Cram Sessions begin at 10:15am and 11:20am (50-minutes each)	Digital Photo Exhibit 3D Printer/ RepRap Demos by IEEE-PCJS in Room AR-116
12:25pm to 1:20pm	Building Apps for the New Windows Store <i>D. Isbitski</i>	Identity Management for Humanitarian & Disaster Recovery <i>A. Firestone</i>	LEGO MINDSTORMS Robotics <i>D. Ferguson</i>	iBooks, Textbooks & Authoring <i>D. Marra</i>	Sensor Communication by Energy Harvesting <i>J. Jesson</i>	How do Search Engines Work? <i>M. Streitman</i>	SATCOM on the Move <i>A. Iepson, K. Christman, L. Lisooy, & J. Murduca</i>	Internet Job\$\$\$ <i>D. Hsu</i>		Introduction to C++ <i>M. Redlich</i>		Historic Computers from MARCH in Room AR-187
1:30pm to 2:25pm		Role of Humanitarian Interfaces <i>R. Herring</i>	Robotics - An Introduction <i>O. Hernandez</i>	iLife: Photos, Movies, Music and More! <i>D. Marra</i>	Latest Technology in Console Computer Games <i>R. Amidon</i>	Keep Your Computer Bug Free <i>R. Kessler</i>	Build A Wireless Access System <i>D. Ferguson</i>	Operating a Business Entirely in the Cloud <i>J. Mikusi</i>	Arduino on the Network	Advanced C++ <i>M. Redlich</i>	Practice Exam given at 1:30pm	Clubs
2:35pm to 3:30pm	Featured Keynote Speaker: Frank O'Brien, Solar System Ambassador for NASA's Jet Propulsion Laboratory, will talk on "Roving Robots on Mars: The Journey of Curiosity" * , in Room Physics-101										Walk-in Real Exam given at 3:40pm	IEEE Micromouse Contest (Starts at 12:15pm by Rm. PHY-101)
3:40pm to 4:35pm	Introduction to Windows 8 <i>D. Soll</i>	Social Media Integration and Analytics <i>S. Krishnaje</i>	A Fire Fighting Robot <i>R. Richardson</i>	iWork: Impressive Docs, Spreadsheets & Presentations <i>D. Marra</i>	History of Mobility and Mobile Data <i>L. Judice</i>	The New Space Age <i>G. Bunk</i>	Smart Electrical Power Systems <i>A. Grullon</i>	Introduction to Agile for Engineers <i>C. Glennon</i>	Controlling the World with Arduino <i>P. Bergsman</i>	Introduction to OOP Design Principles <i>M. Redlich</i>	Conducted by the David Sarnoff Radio Club <i>M. Redlich</i> www.n2re.org	

2013 Trenton Computer Festival — Saturday, 16 March 2013

Focus on Robotics: Seven robotics-oriented talks plus a keynote on the Roving Rovers on Mars: The Journey of Curiosity.

Along with the Micromouse competition and the *FIRST* competition.

(Keynote co-sponsored by IEEE-PCJS Robotics and Automation Society.)

Object-Oriented Programming University: Offers a one-day hands-on introduction to object-oriented programming by Mike Redlich, President of ACGNJ.

Events Co-located on Campus with TCF:

FIRST Mid-Atlantic Robotics District Competition: TCF Attendees are invited to visit a *FIRST* district robotics competition being held in the TCNJ Student Recreation Center. Admission to the competition is free and open to the public.

HackTCNJ Hackathon. See students hack their best app and compete for fame, glory and prizes at Hack TCNJ 2013! Located in the TCNJ Brower Student Center. For Info: <http://hacktcnj.com>

NASA/JPL-Caltech/MSSS



2:35pm - Featured Keynote Speaker:
Frank O'Brien,
Solar System Ambassador
for NASA's Jet Propulsion Lab,
in Room Physics-101

TCF'13

Saturday Evening Banquet

Featuring a talk on
"Robot Explorers: Voyager & New Horizons"
by Aram Friedman,
Former Director of Engineering,
Hayden Planetarium.

6:00pm - New Education Bldg, Rm. 212

Admission: \$25

Tickets available on the TCF website
www.tcf-nj.org (by March 10th).
Pick up tickets on Sat. at VIP/Speakers desk.

Friday - ITPC 2013

The 8th TCF Information Technology
Professional Conference

8:30am to 5:00pm in Armstrong Hall
Friday, March 15, 2013

(Conference registration required.)
Info & Fees: <http://tcf-nj.org/pc>

www.tcf-nj.org